PARALLEL AUTO SWITCH

AS-411P

AS-811P

User's Manual

Packing Checklist

AS-411P*	AS-811P
Auto Switch AS-411P	Auto Switch AS-811P
AS-411P, AS-811P User's Manual	
256K/1M/2M ASB Buffer Card (Option)	
Adaptor DC 9V 300mA (Min)	

*The adaptor comes with buffer card

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Manual Part No. PAPE-1044-200
Printed in Taiwan 11/93

Introduction

Make the most out of your printer by linking up to 4 or 8 computers to AS-411P or AS-811P respectively. Simple, reliable, and completely transparent to users, they manage priority based on first-come-first-served. The automatic switching ability is a definite advantage over manual switching.

With optional data compression ASB Buffer Card installed, AS-411P & AS-811P receive print jobs at maximum data rate and cut wait time down to minimal.

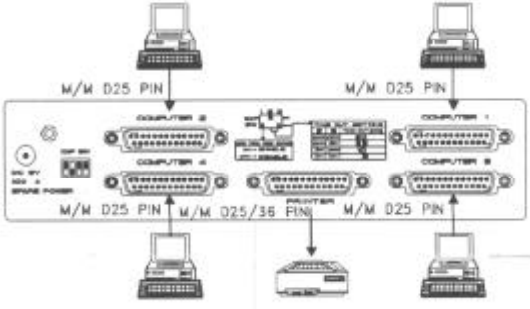


Figure A-1 AS-411P

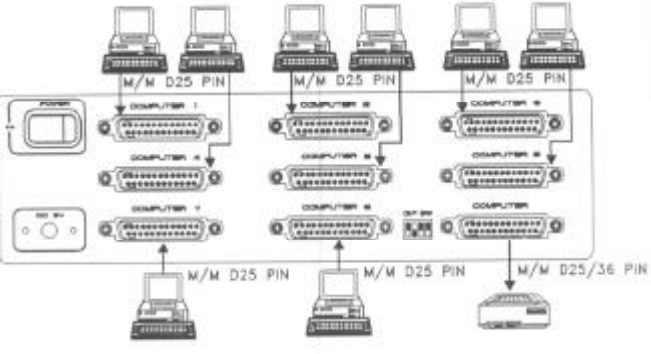


Figure A-2 AS-811P

Installation

1) To connect computers to AS-411P or AS-811P, use DB-25 male-to-male cables.
2) To connect a printer to AS-411P or AS-811P, use a DB-25 to C-36 male-to-male cable.
3) A DC 9V, minimum 300mA current rating power adaptor must be applied to the Auto Switch except for AS-411P without Buffer Card installed. Turn on the Auto Switch and it is ready.

AUTO SWITCHING MODE

1) "**MANUAL**" LED is off and all input channel' s service LEDs are scanning one by one meaning the Auto Switch is ready to accept data from any computer.
2) When the "**PRINTER READY**" LED is off and no file is printed, it indicates the printer is not properly connected or is not ON-LINE.
3) When a computer requests a print job, its corresponding LED is on and other LEDs are off. Auto Switch services that computer until all print jobs are done. Then, it returns to Auto Switching mode by scanning LEDs one by one.
4) While an Auto Switch is sending files to a printer, it does not service any other computer even if the printer gets OFF-LINE or out of paper.

MANUAL SWITCHING MODE

1) While in Auto Switching mode, press the "**SELECT**" button on the front panel, the Auto Switch enters Manual Switching mode. Manual mode is indicated by "**MANUAL**" LED.
2) AS-411P cycles through ***Auto -› Computer 1 -› Computer 2 -› Computer 3 -› Computer 4 -› Auto -› Computer 1 ...,*** when "**SELECT**" button is pressed.
3) AS-811P cycles through ***Auto -› Computer 1 -› Computer 2 -›... Computer 7 -› Computer 8 -› Auto -› Computer 1 ...,*** when "**SELECT**" button is pressed.
4) The selected computer have the right to send print jobs but all others. Both Timeout & Formfeed functions are disabled in this mode.

Specifications

FUNCTION			PARALLEL MODEL	
			AS-411P *	AS-811P
Power Consumption w/Buffer Card			DC9V, 150mA(max)	DC9V, 200mA(max)
Cable Length			6M	
CONNECTOR (DB-25)Female		INPUT	4 CENTRONICS	8 CENTRONICS
		OUTPUT	1 CENTRONICS	1 CENTRONICS
LED	Computer		4	8
	Printer Ready		1	1
	Manual		1	1
ASB Buffer Card (Extended)			256k/1M/2M Bytes(Option)	
Input Arbitration			First Come, First Served	
Function Key			Manual Select	
Input Port Selection			Auto or Manual	
Timeout Selection			5/10/25/60 sec.	
Auto Formfeed			Enabled/Disabled	
Operation Temperature			5°C~40°C	
Stock Temperature			-20°C~60°C	
Humidity			0%~80%	
Enclosure			Metal	
Weight			1850g	2520g
Dimensions			222x154x51mm	253x179x75mm

*The adaptor comes with buffer card

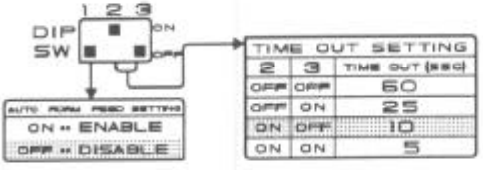
DIP SWITCH

DIP switch selects the following two functions:

Timeout - The length of time that your computer keeps control of the printer after you finish printing.

Formfeed - When enabled, a formfeed code is automatically sent to the printer after a file finishes printing, useful in separating printouts.

The Auto Switch must be reset to acknowledge any DIP switch setting change.



DIP SW 4 Reserved

ASB Buffer Card Installation

Models of ASB Buffer Card include 256K, 1M, or 2M bytes of memory and are used to expand the buffer memory of AS-411P & AS-811P Auto Switch. Follow these steps to install a Buffer Card.

1) Loosen the four scews on both sides of the case.
2) Lift up the upper case.
3) Locate the 14x2 gold pin by-pass connector on the Auto Switch PCB and remove the by-pass connector. Check Figure B-1 & B-2 for locations.
4) Insert the two white plastic spacers of Buffer Card to PCB of Auto Switch and secure the Buffer Card.
5) Put the upper case back and tighten the 4 screws back.
6) Keep the by-pass connector in a safe place, and reinstall it if Buffer Card removed, or the Auto Switch would not work.
7) "**PRINTER READY**" LED becomes the memory status of the Buffer Card not the connecting printer. The LED is on if the Buffer Card is not full.

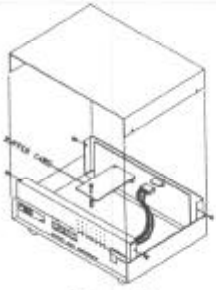


Figure B-1

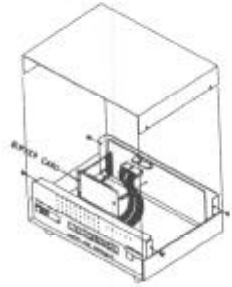


Figure B-2